

FIGURE 1

THEY ARE NOT THE SAME AS THE OTHERS AND ARE NOT THE SAME AS THE OTHERS

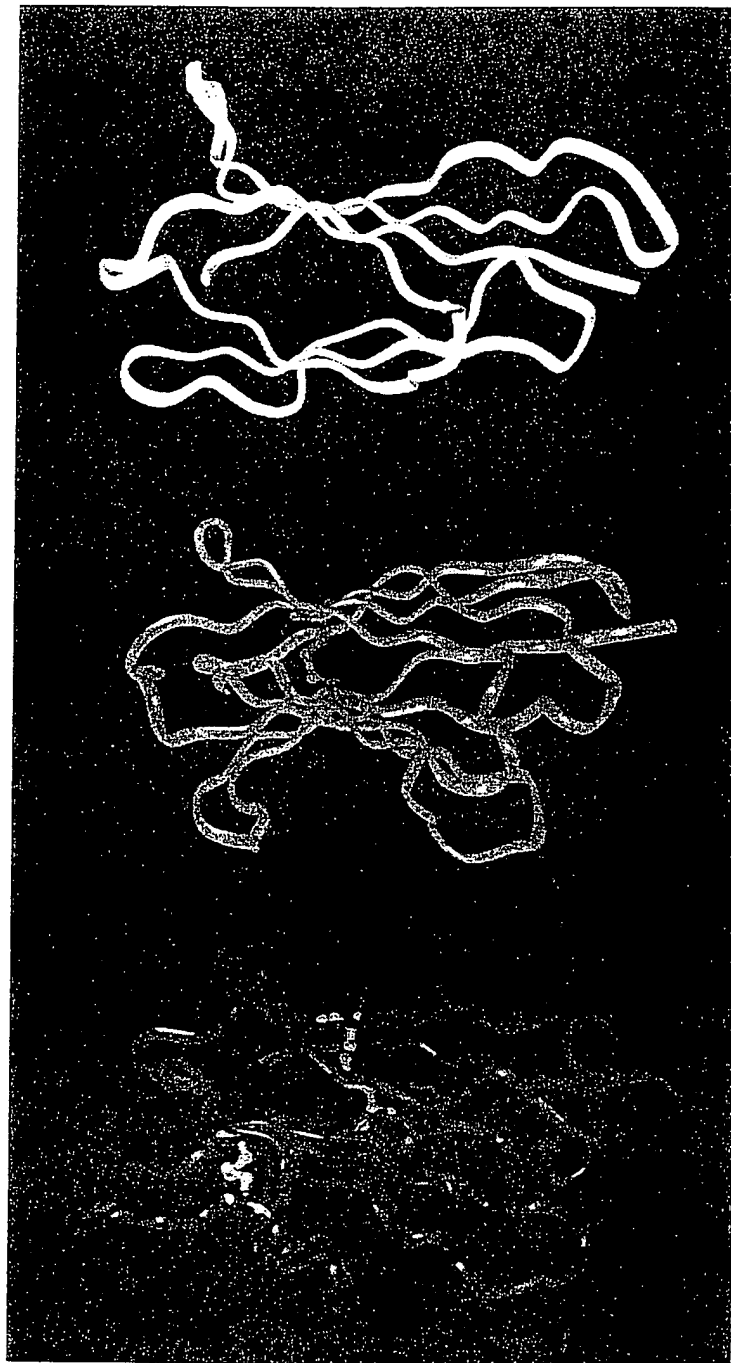


FIGURE 2

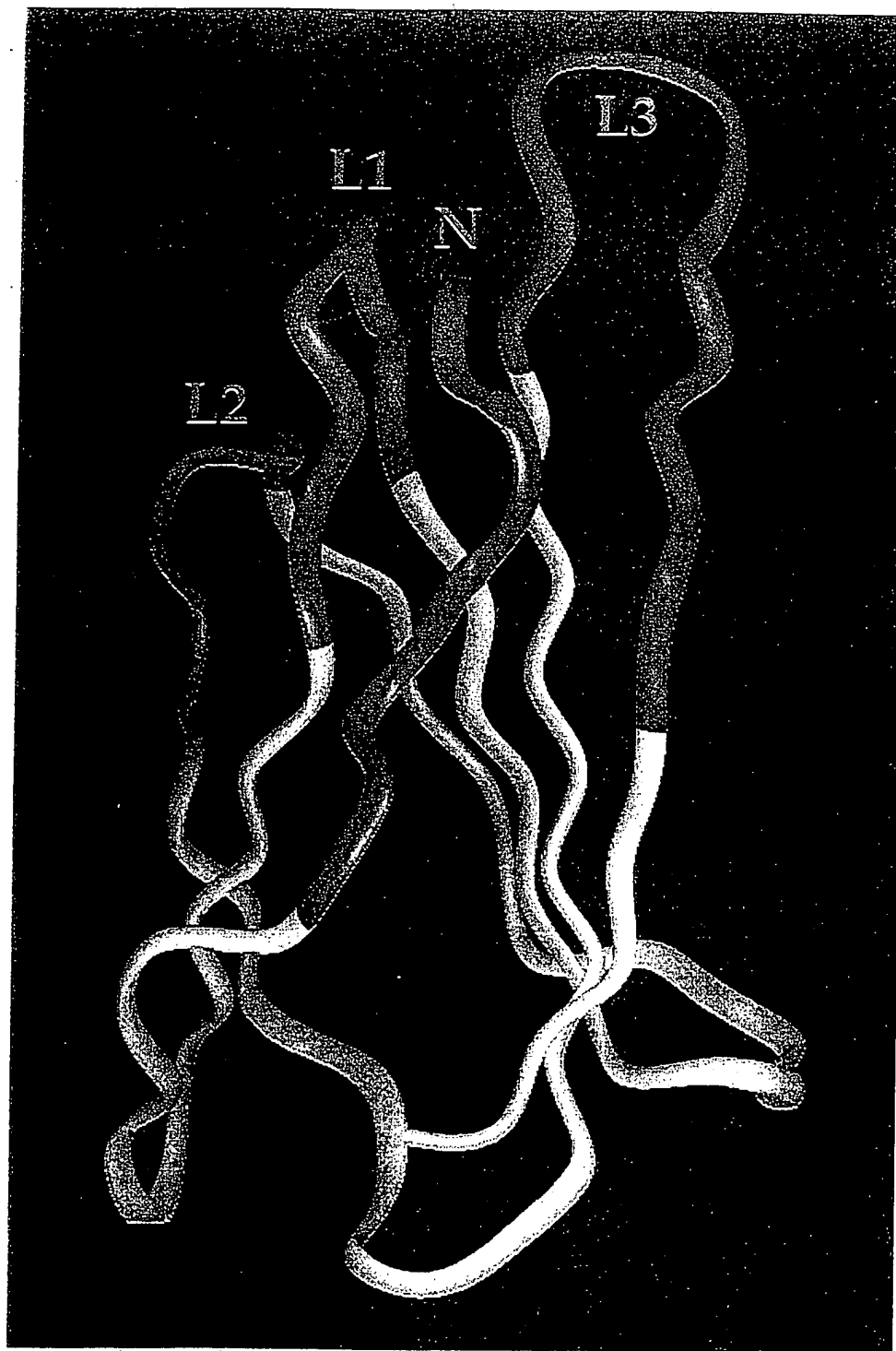


FIGURE 3

[illegible]

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var,
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cons.	P	V	SL	W	V	Y	I	Y	I	L	PGVD	Y	ITV	A	G	S	P	R
	M	I	TV		A	F	V			L	I	NTE <td>VL</td> <td>N</td> <td>E</td> <td></td> <td></td> <td></td>	VL	N	E			
		L	M		I	L					AS							

CAP			
C12	Collagen alpha precursor	BOLD	identical to Hs FND
FND	Collagen type 12		
FN	Fibronectin type III domain	lower case	non-conservative substitution (charge reversal, change between hydrophobic and charged, addition or removal of p) position of non-conservative substitutions
TP	Fibronectin		
TC	Tenascin precursor	-	
	Tenascin-C		

Bt	<i>Bovis taurus</i>	cow
Cf	<i>Canis familiaris</i>	dog
Ec	<i>Equus caballus</i>	horse
Ss	<i>Sus scrofa</i>	pig
Hs	<i>Homo sapiens</i>	human
Oc	<i>Oryctolagus cuniculus</i>	rabbit
Xl	<i>Xenopus laevis</i>	African clawed frog

## FIGURE 4

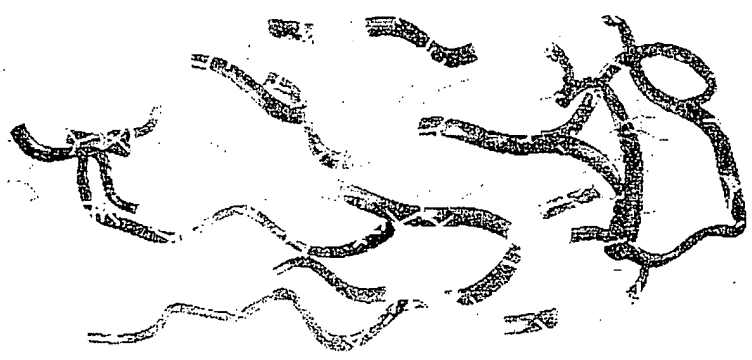
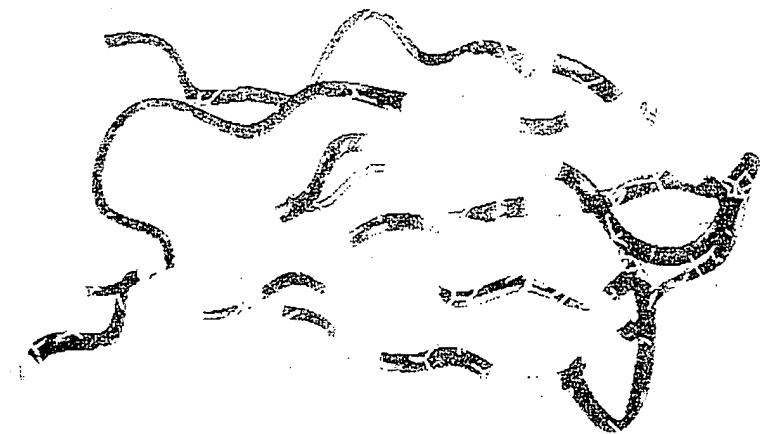


FIGURE 5

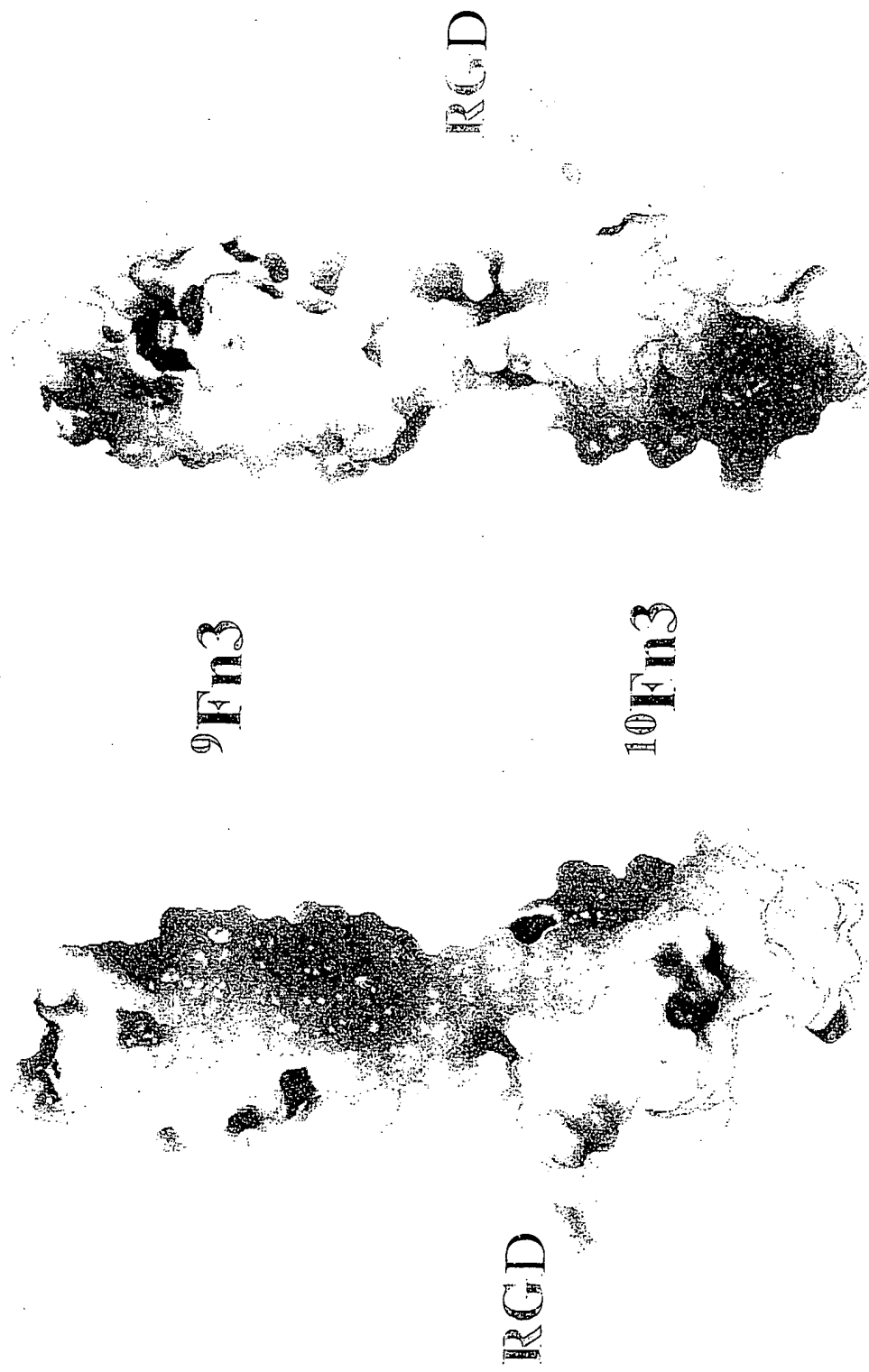


FIGURE 6

752


  
 DATE \_\_\_\_\_  
 TIME \_\_\_\_\_  
 [Signature]  
 00



FIGURE 7

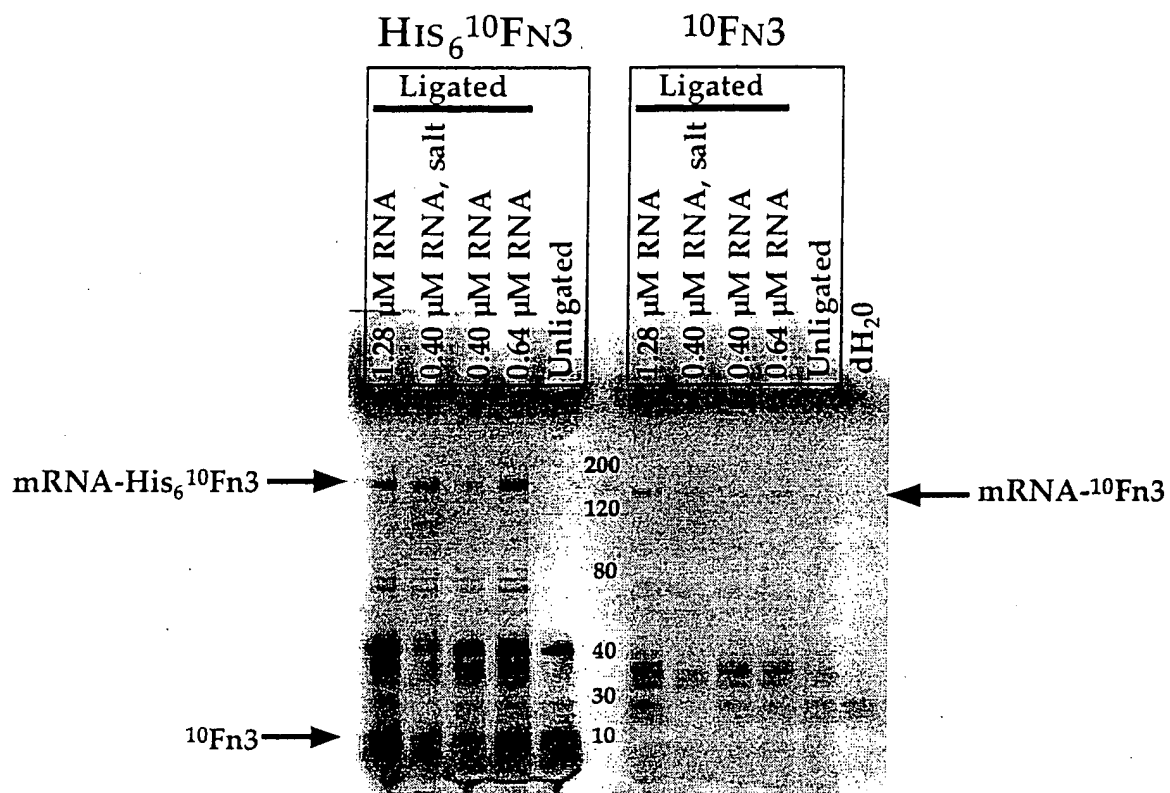


FIGURE 8



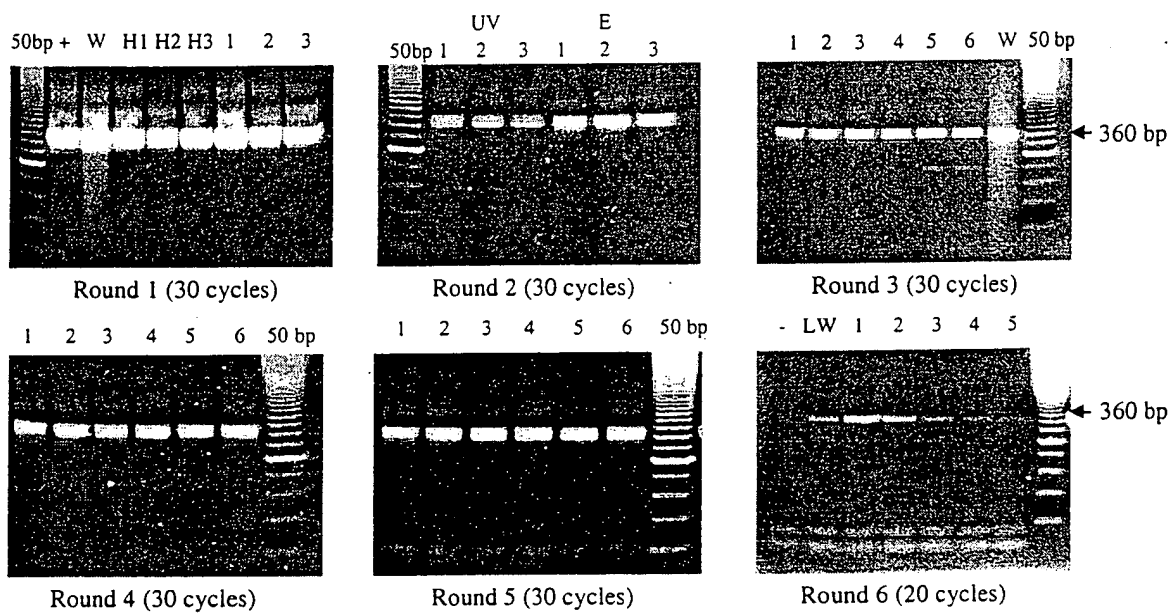


FIGURE 9

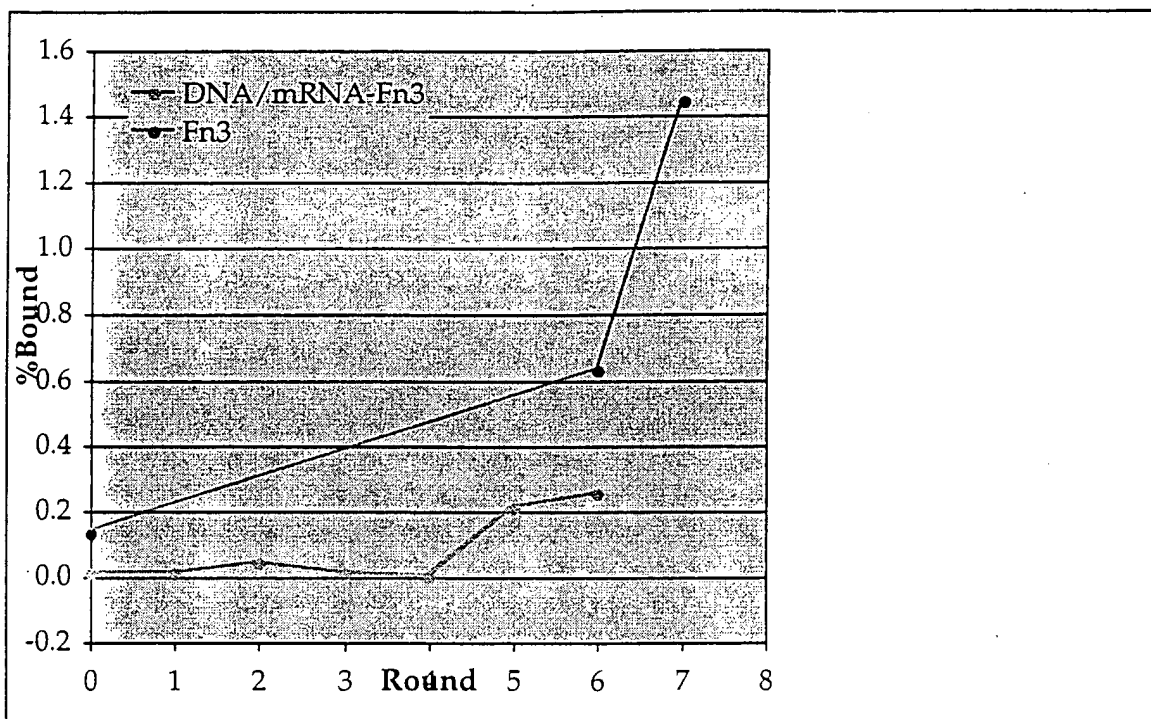
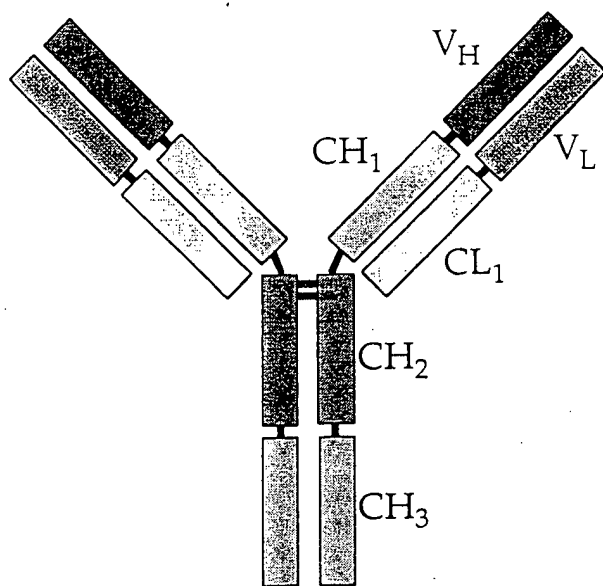


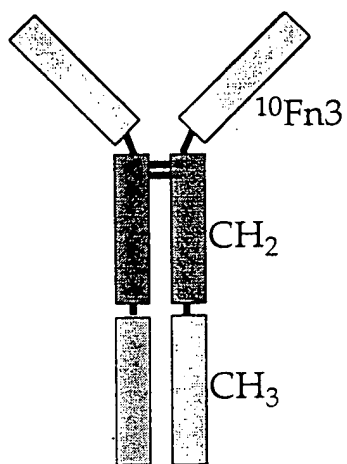
FIGURE 10



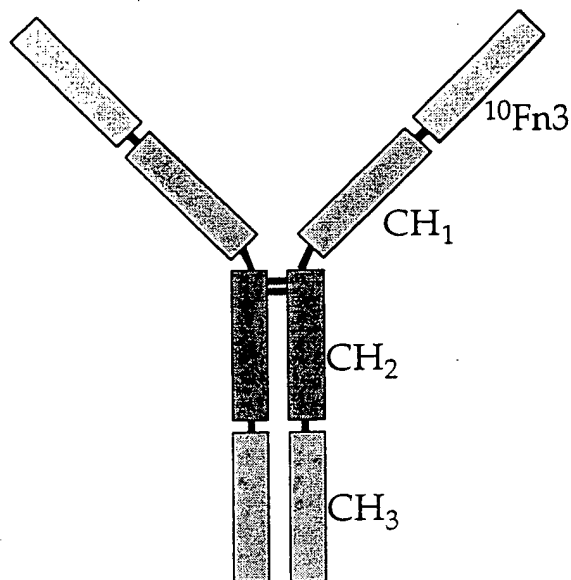
IgG



$^{10}\text{Fn3}$



$^{10}\text{Fn3-CH}_2\text{-CH}_3$



$^{10}\text{Fn3-CH}_1\text{-CH}_2\text{-CH}_3$

FIGURE 11

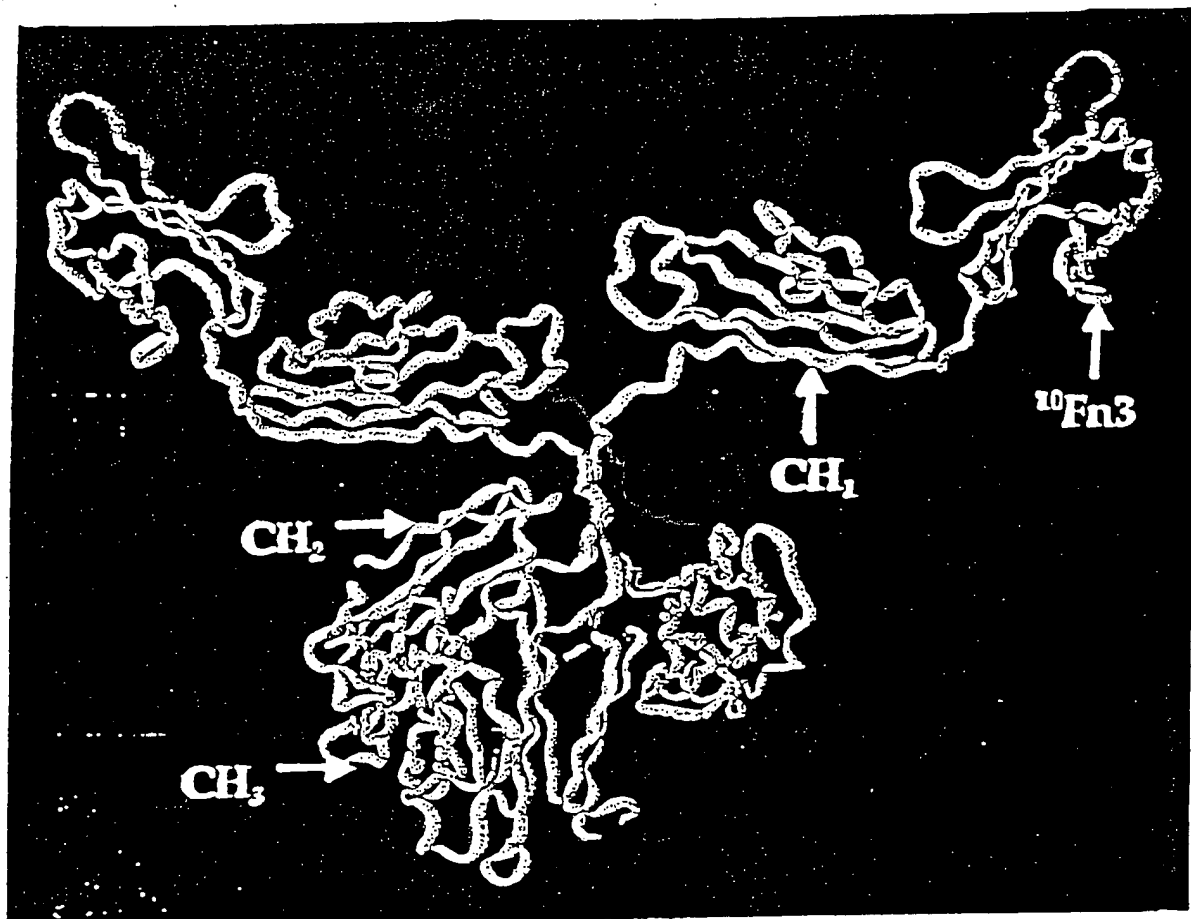


FIGURE 12

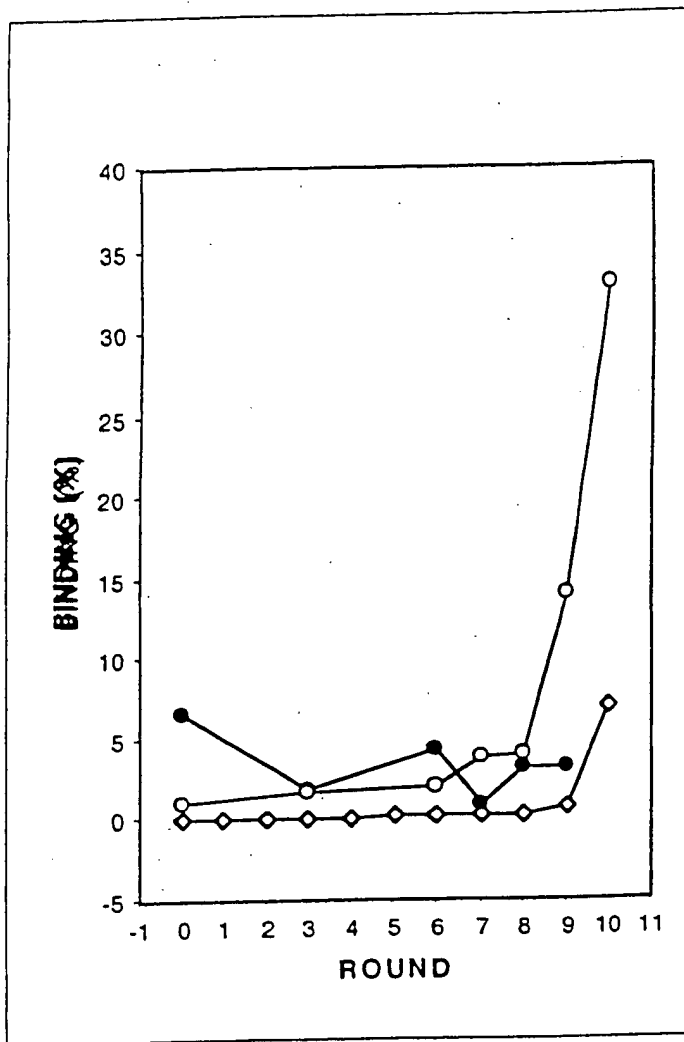


FIGURE 13

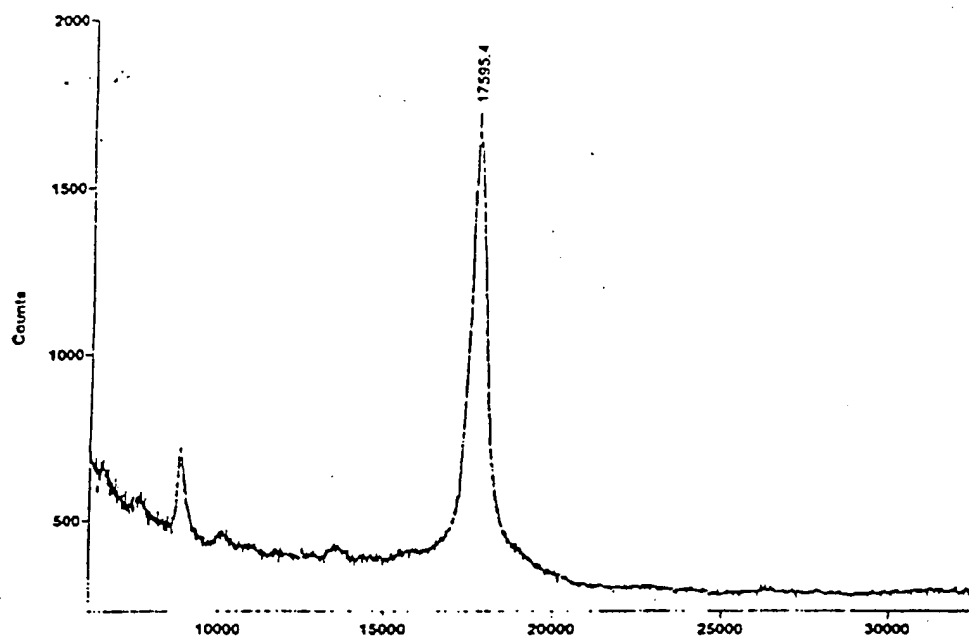


FIGURE 14

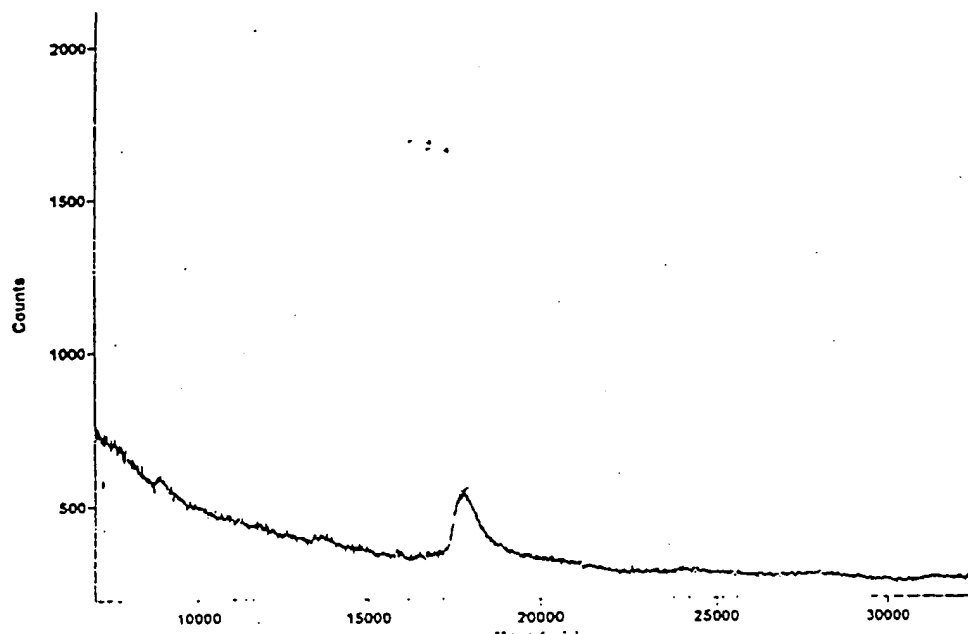


FIGURE 15

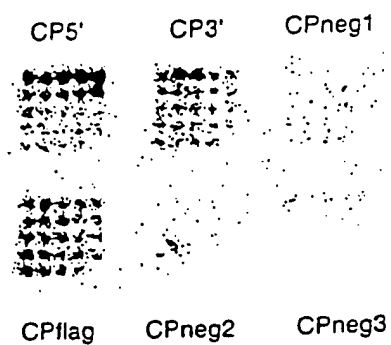


FIGURE 16

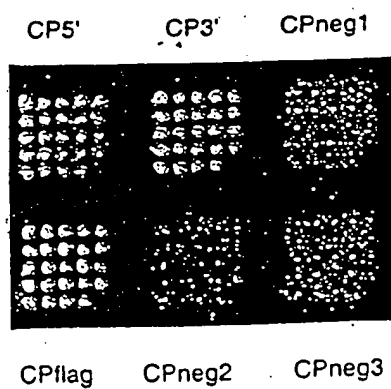


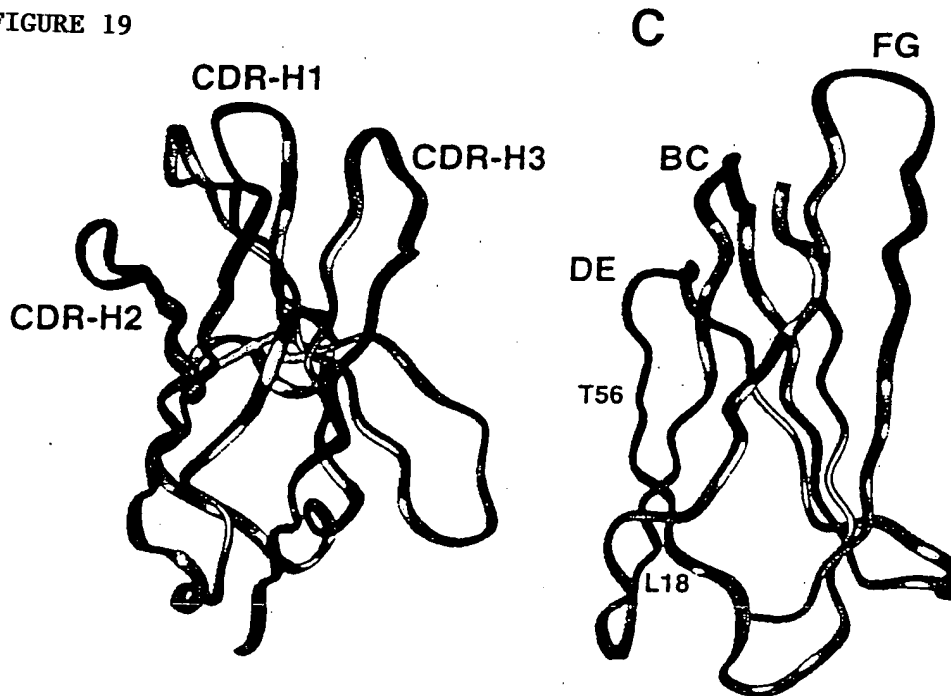
FIGURE 17

FIGURE 18

	1	15	16		CDR-H1	45	46		CDR-H2
Llama $V_H$	DVQLQESGGGLVQAG	GSLRL	SCAASGRIGS	TYDMGWFRQAPGKER	-ES-	VA	INWDSARTYY		
Human $10_{Fn3}$	VSDVPRDLEVVAATP	TSLLF	SWDA	PAVINR	YYRITYGETGGNSLV	Q	EFTV	PCSKS	-----
	1	15		31		45	46		
			↓						
			R						
			Q						

	61	75	76		90	91		CDR-H3	106	117
Llama $V_H$	ASSVFGRTISRDN	KKT	VYLMNSLKPED	TAVYTCGAGE	CTWD	SWGQGTQVTSS				
Human $10_{Fn3}$	-----TATISGL--	KPGVDY	-----	TITGYAVT	RDSPA	SKPISINYRT-				
	56		63	69		84	94			
	↓									
	I									

FIGURE 19





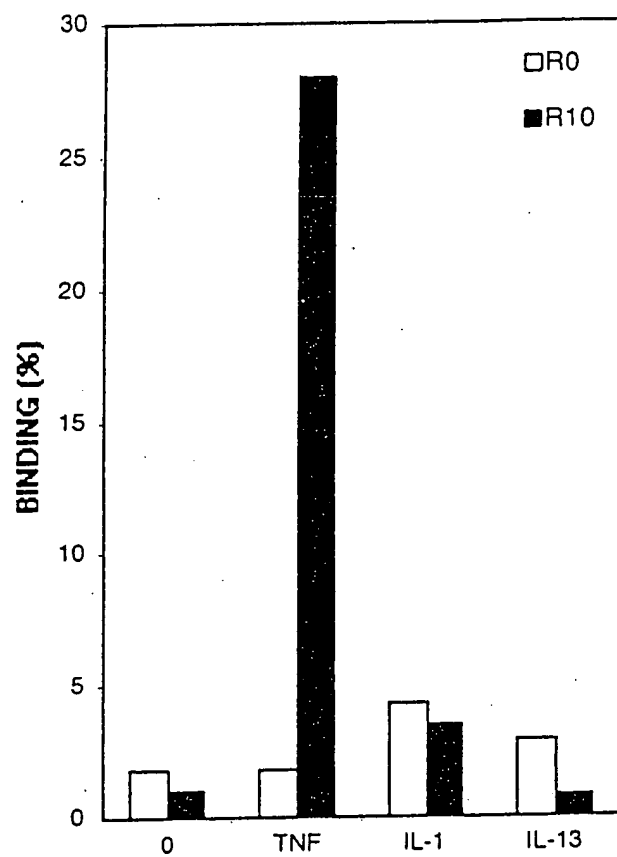
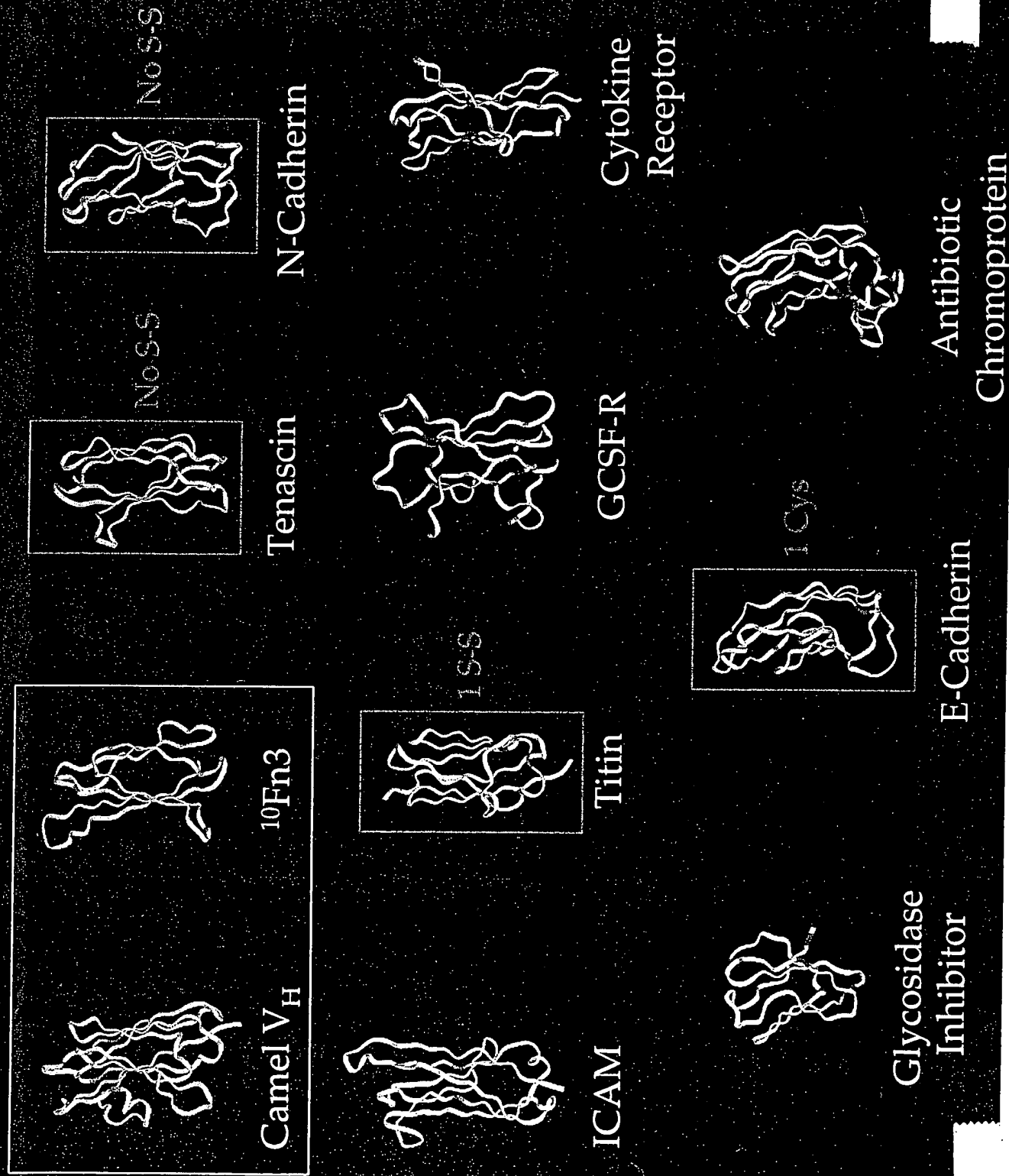


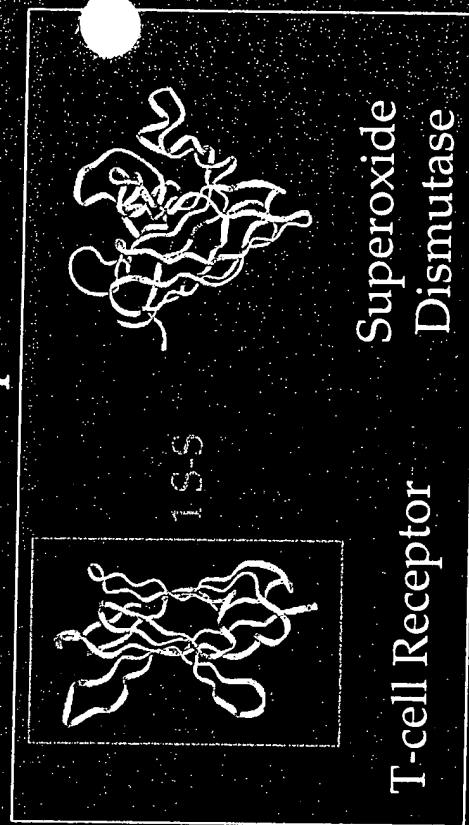
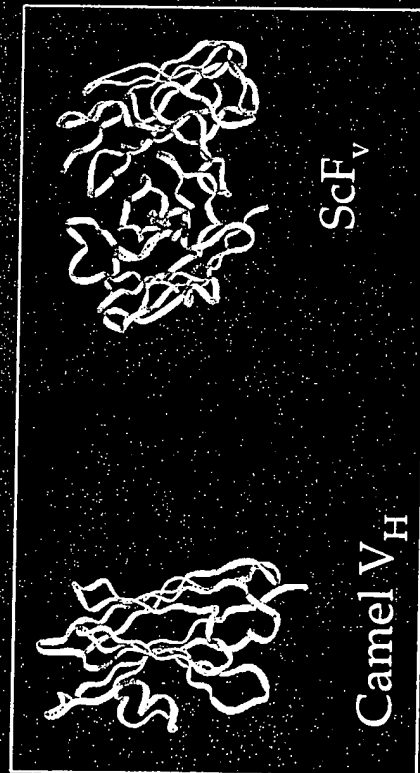
FIGURE 20

# IgG-like Scaffolds for the Display of Three Loops

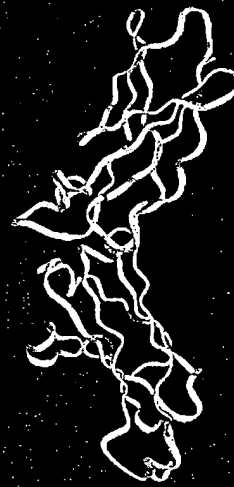
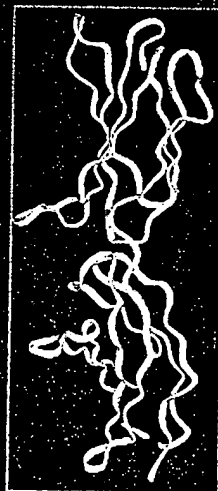


# IgG-like Scaffolds for the Display of Four or Six Loops

4 Loops

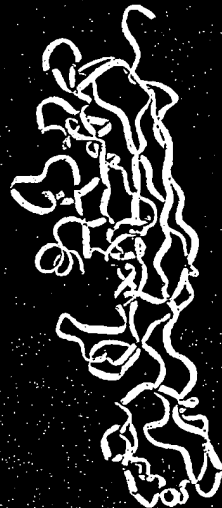
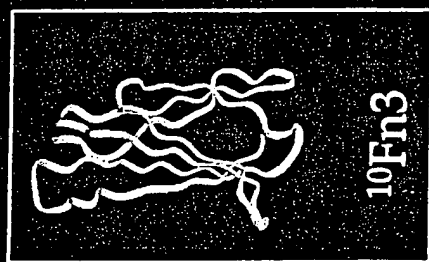


No S-S

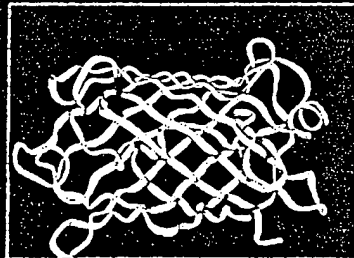


6 Loops

# Scaffolds Unrelated to IgG

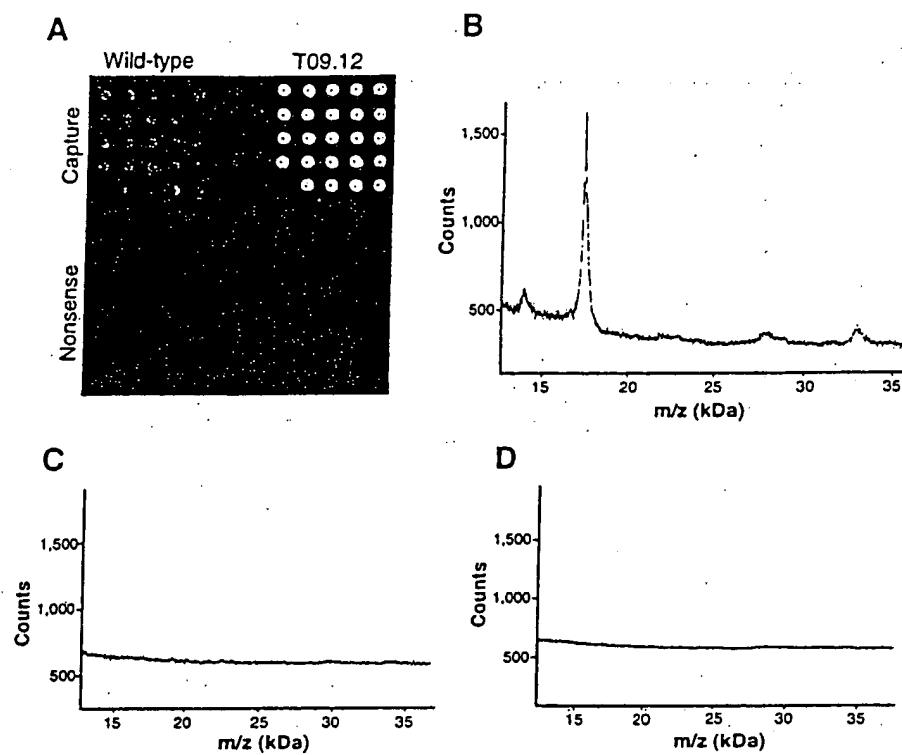


No S-S



No S-S





FIGURES 24A - 24D

# ROUND 9 (32)

		BC		DE		FG		SEQ ID						
WT		15	16	DAPAVTV3031	45	46	GSKS	60	61	74	75	GRGDS	PASSK	90
T09.08	VSDVPRDLEVVAATP	TSLLISWDAPAVTVR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPGSKSTATIS	GLKPGVDY-TITVYA	VTGRGDSPASSK	PIS	INVRT	90				
T09.26	VSEIPRDLEVVAATP	TSLLFSWDAPAVTVR	YRITYGETGNSLV	YRITYGETGNSLV	QEFVPGSKSTATIS	GLKPGVDY-TITVYA	VTGRGDSPASSK	PIS	INVRT					
T09.20	VSDVPRDLEVVAATP	TSLLISWDAPAVTVR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	RLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.25	VSDVPRDLDVAAATP	TGLLISWNKSRMTTR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.30	VSDVPRDLEVVAATP	TSLLISWDS---SHR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.02	VSDVPRDLEVVAATP	TSLLISWHNNHIDMR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.34	VSDVPRDLEVVAATP	TSLLISWRTSPASPHG	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.03*	VSDVPRDLEVVAATP	TSLLISWRTSPASPHG	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.13	VSDVPRDLEVVAATP	TSLLISWRPNRPLSR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.29	VSDVPRDLEVVAATP	TCLLISWRPNRPLSR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.01	VSDVPRDLEVVAATP	TSLLISWDPNIRLRR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.14	VSDVPRDLEVVAATP	TSLLISWFSRSLQDR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.24	VSDVPRDLEVVAATP	TSLLISWYRHTYRDR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.19	VSDVPRDLEVVAATP	TSQISWPFPGWYPSR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.31	VSDVPRDLEVVAATP	TSRLISWRPGRTYSR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.07	VSDVPRDLEVVAATP	TSRLISWASPPMWR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.36	VSDVPRDLEVVAATP	TSRLISWASPPMWR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.16	VSDVPRDLEVVAATP	TSRLISWASPPMWR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.23	VSDVPRDLEVVAATP	TSRLISWASPPMWR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.21	VSDVPRDLEVVAATP	TSRLISWASPPMWR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.33*	VSDVPRDLEVVAATP	TSRLISWASPPMWR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.10	VSDVPRDLEVVAATP	TSRLISWASPPMWR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.28	VSDVPRDLEVVAATP	TSRLISWASPPMWR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.15	VSDVPRDLEVVAATP	TSRLISWASPPMWR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.09	VSDVPRDLEVVAATP	TSRLISWASPPMWR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.35	VSDVPRDLEVVAATP	TSRLISWASPPMWR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.06	VSDVPRDLQIVAAATP	TSLLISWHYLRQPR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.11	VSDVPRDLEVVAATP	TSLLISWHYLRQPR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.12*	VSDVPRDLEVVAATP	TSLLISWHYLRQPR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.17	VSDVPRDLEVVAATP	TSRLISWRPNTNPPR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.04	VSDVPRDLEVVAATP	TSRLISWRPNTNPPR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						
T09.05	VSDVPRDLEVVAATP	TSRLISWRPNTNPPR	YRITYGETGNSPV	YRITYGETGNSPV	QEFVPELNPTATIS	GLKPGVDY-TITVYA	VTQGTPTRRHLRPNF	H						

FIGURE 25 (Page 1)

# ROUND 10 (29)

BC			DE			FG		
WT	15	16	DAPAVTV3031	45	46	GSKS	60	61
T10.37	VSDVPRDLEVVAAATP	TSLLISWDAPAVTVR	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTGRGDSPASSK	90	INVRT
T10.12	VSDVPRDLEVVAAATP	TSLLIRERE----	YRITYGETGNSPV	QFTVPGSKSTATIS	GLEPGVDY-TITVYA	VTPHGHFDLELPI	INVRT	INVRT
T10.21	VSDVPRDLEVVAAATP	TSLLISRKDRVSSRR	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITAVV	VTPHGHFDLELPI	INVRT	INVRT
T10.40	VSDVPRDLEVVAAATP	TSLLISWEMATNTR	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTSNAPFVEGMPIS	INVRT	INVRT
T10.31a	VSDVPRDLEVVAAATP	TSLLSSWYLCGNNR	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTSNAPFVEGMPIS	INVRT	INVRT
T10.41	ISDVPRDMEVVAAATP	TSLLISWRTSPASPHG	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-IPSRGM	LSLASLMSTRNKPI	INVRT	INVRT
T10.13	VSDVPRDLKVVAAATP	TSLLISWMAHPHNR	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-AITVYA	VTPTMLKPLSMPIS	INVRT	INVRT
T10.03	VSDVPRDLEVVAAATP	TSLLISWFPDNATPR	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQTVSAHNNHAPIS	INVRT	INVRT
T10.33	VSDVPRDLEVVAAATP	TSLLISWMLLRDNR	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTSHRDYHSTGRPI	INVRT	INVRT
T10.27	VSDVPRDLEVVAAATP	TSLLISWSPNDNAHR	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
T10.05	VSDVPRDLEVVAAATP	TSLLISWSPNDNAHR	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
T10.01	VSDVPRDLEVVAAATP	TSLLISWSPNDNAHR	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
T10.34	VSDVPRDLEVVAAATP	TSLLISWTRHSPVR	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
T10.36	VSDVPRDLEVVAAATP	TSRLISWNRSGLOSG	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
T10.30	VSDVPRDLEVVAAATP	TXRLISWNRSGLOSG	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
T10.06	VSDVPRDLEVVAAATP	TSRLISWNRSGLOSG	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
T10.17	VSDVPRDLEVVAAATP	TSRLISWNRSGLOSG	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
T10.18	VSDVPRDLEVVAAATP	TSRLISWNRSGLOSG	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
T10.39	VSDVPRDLEVVAAATP	TSRLISWNRSGLOSG	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
T10.02	VSDVPRDLEVVAAATP	TSRLISWNRSGLOSG	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
T10.08	ISDVPRDLEVVAAATP	TSRLISWNRSGLOSG	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
T10.20	VSDVPRDLEVVAAATP	TSRLISWNRSGLOSG	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
T10.29	VSDVPRDLEVVAAATP	TSRLISWNRSGLOSG	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
T10.15	VSDVPRDLEVVAAATP	TSRLISWNRSGLOSG	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
T10.15	VSDVPRDLEVVAAATP	TSRLISWNRSGLOSG	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
T10.35	VSDVPRDLEVVAAATP	TSRLISWNRSGLOSG	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
T10.26	VSDVPRDLEVVAAATP	TSRLISWNRSGLOSG	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
T10.14	VSDVPRDLEVVAAATP	TSRLISWNRSGLOSG	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
S08.02	VSDVPRDLEVVAAATP	TSRLISWNRSGLOSG	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT
S08.03	VSDVPRDLEVVAAATP	TSRLISWNRSGLOSG	YRITYGETGNSPV	QFTVPGSKSTATIS	GLKPGVDY-TITVYA	VTQSTNGNRNDFPI	INVRT	INVRT

FIGURE 25 (Page 2)

ROUND 14 (22)

		BC		DE		FG			
WT		15 16	DAPAVTV3031	45 46	GSKS	60 61	75	76GRGDSPASSK	90
T14.25	VSDVPRDLEVVAATP	TSLLISWDAPAVTVR	YYRITYGETGNSPV	QEFVPGSKSTATIS	GLKPGVDY-TITVYA	VTGRGDSPASSK	PIS	INVRT	33
T14.03	VSDVPRDLEVVAATP	TSLLISWDTHNAYNG	YYRITYGETXGNSPV	REFTVPHPEVTATIS	GLKPGVDD-TITVYA	VTNNHMLPRIFGPIS		INHRT	96
T10.06	VSDVPRDLEVVAATP	TSLLIXWTRTNANTR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	97
T14.12	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	81
T14.13	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	98
T14.17	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	99
T14.05	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	101
T14.14	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	102
T14.23	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	103
T14.26	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	104
T14.24	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	105
T14.20	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	106
T14.19	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	107
T14.11	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	108
T14.10	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	109
T14.22	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	110
T14.21	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	111
T14.01	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	112
T14.06	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	113
T14.08	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	114
T14.02	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	115
T14.15	VSDVPRDLEVVAATP	TSRLISWNRSGLQSR	YYRITYGETGNSPV	QEFVPGVDY-TITVYA	VTNHHMLTKPIS			INVRT	116

FIGURE 25 (Page 3)



# Round M12 (24)

	WT	1	15	16	BC	DAPAVT3031	45	46	DE	GSKS	60	61	75	FG
M12.05		VSDVPRDLEVVAATP	TSLLISWDAPAVTVR	YYRITYGETGNSPV	QEFVPGSKSTATIS	GLKPGVDY-TITVYA	75	76	GRGDSPASSK	90				
M12.17		VSDVPRDLEVVAATP	TSLLISWSPNDADR	YYRITYGKTGDSVP	QEFVPGSKSTATIS	GLKPGVDY-TSVVYA			VTQOQSYTYNSNPIS	INVRT				53
M12.12		VSDVPSDLEVVAATP	TSLLISWEQSPTXGR	YYRITYGETGNSPV	QEFVPGSKSTATIS	GRKPGADY-TITVYA			VTIEKDRIPLFGPIS	ISVRT				117
M12.17		VSDVPSDLEVVAATP	TSLLISWEQSPTYGR	YYRITYGETGNSPV	QEFVPGSKSTATIS	GRKPGADY-TITVYA			VTIEKDRIPLFGPIS	ISVRT				118
M12.06		VPDPRDLEVVAATP	TSLLISWEQSPTXGR	YYRITYGETGNSPV	QEFVPGSKSTATIS	GRKPGADY-TITVYA			VTIEKDRIPLFGPIS	ISVRT				119
M12.01		VSDVPRDLEVVAATP	TSLLISWDTHNAYNG	YYRITYGETGNSPV	QEFVPHPEVTATIS	GLKPGVDD-TITVYA			VTIHMPLRIFGPIS	INVRT				120
M12.01		VSDVPRDLEVVAATP	TSRLISWNRSGLOSR	YYRITYGETGNSPV	QEFVPPWASIATIS	GLKPGVDY-TITVYA			VTDESPTYKYDDPVS	INVRT				22
M12.24		VSDVPRDLEVVAATP	TSRLISWNRSGLOSR	YYRITYGETGNSPV	QEFVPPWASIATIS	GLKPGVDY-TITVYA			VTDESPTYKYDDPVS	INVRT				123
M12.25		VSDVPRDLEVVAATP	TSRLISWNRSGLOSR	YYRITYGETGNSPV	QEFVPPWASIATIS	GLKPGVDY-TITVYA			VTDESPTYKYDDPVS	INVRT				124
M12.23		VSDVPRDLEVVAATP	TSRLISWNRSGLOSR	YYRITYGETGNSPV	QEFVPPWASIATIS	GLKPGVDY-TITVYA			VTDESPTYKYDDPVS	INVRT				125
M12.04		VSDVPRDLEVVAATP	TSRLISWNRSGLOSR	YYRITYGETGNSPV	QEFVPPWASIATIS	GLKPGVDY-TITVYA			VTDESPTYKYDDPVS	INVRT				126
M12.03		VSDVPRDLEVVAATP	ISQLTSWQPPNGSR	YYRIAYGETGNSPV	QEFVPPWASIATIS	GLKPGVDY-TITVYA			VTDESPTYKYDDPVS	INVRT				127
M12.07		VXDVPRDLXVVAATP	TSLLISWNRSGLOSR	YYRIAYGETGNSPV	QEFVPPWASIATIS	GLKPGVDY-TITVYA			VTDESPTYKYDDPVS	INVRT				128
M12.13		VSDVPRDLEVVAATP	TSLLISWNRSGLOSR	YYRIAYGETGNSPV	QEFVPPWASIATIS	GLKPGVDY-TITVYA			VTDESPTYKYDDPVS	INVRT				129
M12.09		VSDVPRDLEVVAATP	TSRLISWNRSGLOSR	YYRIAYGETGNSPV	QEFVPPWASIATIS	GLKPGVDY-TITVYA			VTDESPTYKYDDPVS	INVRT				130
M12.16		VSDVPRDLEVVAATP	TSRLISWNRSGLOSR	YYRIAYGETGNSPV	QEFVPPWASIATIS	GLKPGVDY-TITVYA			VTDESPTYKYDDPVS	INVRT				131
M12.22		VSDVPRDLEVVAATP	TSRLISWNRSGLOSR	YYRIAYGETGNSPV	QEFVPPWASIATIS	GLKPGVDY-TITVYA			VTDESPTYKYDDPVS	INVRT				132
M12.26		VSDVPRDLEVVAATP	TSRLISWNRSGLOSR	YYRIAYGETGNSPV	QEFVPPWASIATIS	GLKPGVDY-TITVYA			VTDESPTYKYDDPVS	INVRT				133
M12.15		VTDVPRGLKIVAATP	-SLLISWRPPADLNR	YYRITYGETGNSPV	QEFVPPWASIATIS	GLKPGVDY-TITVYA			VTDESPTYKYDDPVS	INVRT				134
M12.18		VSDVPRDLEVVAADP	HQPLICWASPPMWCR	YYRITYGESGNSPV	QELTVPWASVATIG	GLKPGVDY-TITVYA			VTDESPTYKYDDPVS	INVRT				135
M12.14		VSDVPRDLKVVAAATP	TSRLISWTHDNVPR	YYRITYGETGNSPV	QELTVPWASVATIG	GLKPGVDY-TITVYA			VTDESPTYKYDDPVS	INVRT				136
M12.21		VSDVPRDLEVVAATP	TSLLISWNRSGLOSR	YYRITYGETGNSPV	QELTVPWASVATIG	GLKPGVDY-TITVYA			VTDESPTYKYDDPVS	INVRT				137
M12.19		VSDVPRDLEVVAATP	TGLLISWNRNNQYTPR	HYGITYGETGNSPV	QEFVPPWASIATIS	GLKPGVDY-TITVYA			VTDESPTYKYDDPVS	INVRT				138
M12.08		VSDVPRDLEVVAATP	TSLLNVP-----IIR	YYRITYGETGNSPV	QEFVPPWASIATIS	GLKPGVDY-TITVYG			VTSHRNHFHVETPIS	INYQA				140

FIGURE 25 (Page 4)